

The University of Hohenheim is an innovative and research-intensive university in the south of Stuttgart with students from around 100 nations. Generously equipped research facilities, a baroque castle and extensive parks characterise the campus. Modern teaching and cutting-edge research are combined in innovative subjects in the natural sciences, agricultural sciences and economics and social sciences.

The **Institute for Applied Mathematics and Statistics** at the University of Hohenheim currently has a vacancy for a

**Research Assistant (Wissenschaftliche/r Mitarbeiter/in)**  
**(m/f/d), 100%; E13 TV-L; limited to 36 months but with option of prolongation)**

to be filled.

The Institute's research and teaching area is mathematical methods in the life sciences (biology, nutritional medicine, food technology), with a focus on modelling and simulation of the human heart. The Institute is a member of the Living Heart Project of Dassault Systèmes and is involved in the establishment of the Hohenheim Computational Science Hub. The call for applications is aimed at applied mathematicians or graduates of comparable studies with a demonstrable interest in data-driven simulation using differential equations, in scientific high-performance computing and/or in artificial intelligence in medicine and the life sciences.

**Tasks and Responsibilities:**

- Independent research with the aim of PhD or habilitation.
- Independent delivery of courses in German and English (German language skills are not a formal prerequisite, but proficiency at level B2 is expected within two years).
- Participation in the research and teaching projects run by the Institute.
- Supervision of students.
- Participation in organizational and administrative tasks and in quality assurance measures.
- Contribution to expanding the international scientific and cultural contacts of the Institute.
- Participation in public relations activities.

**Prerequisites for the appointment:**

- Master or Doctoral degree in Mathematics completed at a domestic or foreign higher education Institution.
- A strong background in dynamical systems, partial differential equations and/or artificial intelligence.
- Presentations at scientific conferences.
- Fluency in English

**Additional desired qualifications:**

- Proven potential for scientific activity.
- Publications relevant to the subject.
- Communication and presentation skills.
- Experience in the acquisition and running of third-party funded projects and/or readiness to play an active role in third-party funded projects and their acquisition.
- Didactic competence and proven successful teaching experience.
- Scientific curiosity and enthusiasm for imparting knowledge.
- German language skills.
- Ability to work in diverse team.

**The application:**

If you are interested in this position, please apply in German or English providing the usual documents:

- Letter of application/motivation
- Curriculum vitae including publication and lecture lists as well as details and an explanation of research and teaching activities (please do not include a photo).
- Copies of degree certificates / confirmations.

**Our offer:**

The University of Hohenheim is characterised by its collegial atmosphere and the close cooperation between the different Institutions, which is favoured by a campus with short distances and the identity-forming castle. In addition to the interesting and varied range of tasks, we offer you flexible working hours, the opportunity to work on a mobile basis and a job ticket.

The University of Hohenheim seeks to increase the proportion of women in research and teaching and strongly encourages qualified female scientists to apply. With equal qualifications, preference will be given to candidates with disabilities. Full-time positions are generally divisible, provided that there are no compelling official concerns to the contrary.

For further information, please contact Prof. Dr. Philipp Kügler. Please send your application (letter of motivation, CV, list of publications) in German to philipp.kuegler@uni-hohenheim.de by May 31, 2023.



[www.uni-hohenheim.de](http://www.uni-hohenheim.de)